



# WORLD LEADER IN HELICAL PILES

## OUR ENGINEERING SERVICES TAKE CARE OF THE ANALYSIS AND APPROVAL OF YOUR PROJECTS.

Our **Engineering Team**, specialized in geotechnical and structural engineering, is here to assist you and offer a personalized service whenever you use a helical pile foundation. From small residential projects to large-scale industrial installations, our engineers ensure the quality of your foundation and will offer a certificate guaranteeing that the work meets the highest standards.



**Techno Metal Post helical piles  
are engineered and guaranteed.**



International



Canada



IAPMO UES ER-481  
USA



AC 308 Approved  
ESR-3418  
USA



France



Europe



UK



UK

## Foundation Underpinning & Stabilization

[www.technometalpost.com](http://www.technometalpost.com)

# TECHNO METAL POST HELICAL PILES ARE THE INTELLIGENT SOLUTION FOR FOUNDATION ISSUES.

## HOW DOES IT WORK?

Techno Metal Post helical piles are “screwed” into the soil under your structure until suitable load bearing soil or bedrock is encountered. Our installation equipment measures the resistance of the soil, allowing us to determine the bearing capacity of each pile in real time.

Heavy steel foundation brackets are bolted to the structure’s footing to connect the helical piles, allowing the building’s load to be transferred onto the piles permanently. Once attached, we can carefully lift, level or stabilize the foundation depending on the needs of the project.

## WHY TECHNO METAL POST?

- ▶ Complete control of the installation process.
- ▶ Proven method that reaches dense and compact soil in poor soil conditions.
- ▶ Entire structure stabilized and permanently supported.
- ▶ Work certified by our engineering team

## TECHNO METAL POST INSTALLATION MACHINERY

Techno Metal Post has developed a range of machines entirely dedicated to the installation of screw piles. These machines allow the installation of piles with a bearing capacity in service of 50,000 lbs per pile.

it is of limited space, muddy soils, irregular footing, mountain side terrain or even over water.



### FOUNDATION FAILURE WARNINGS

- ✓ Cracks on exterior walls or foundation
- ✓ Cracks on interior walls or floor slabs
- ✓ Windows or doors that stick or do not open
- ✓ Chimney pulling away from the home

